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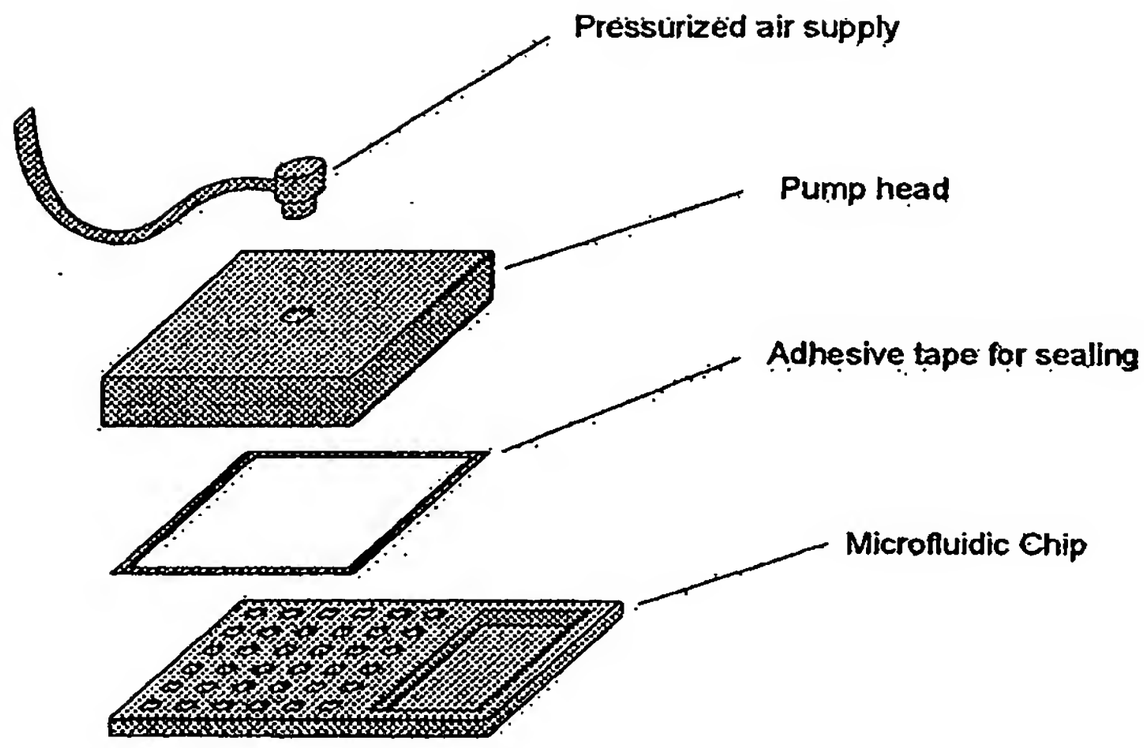


FIG. 1A

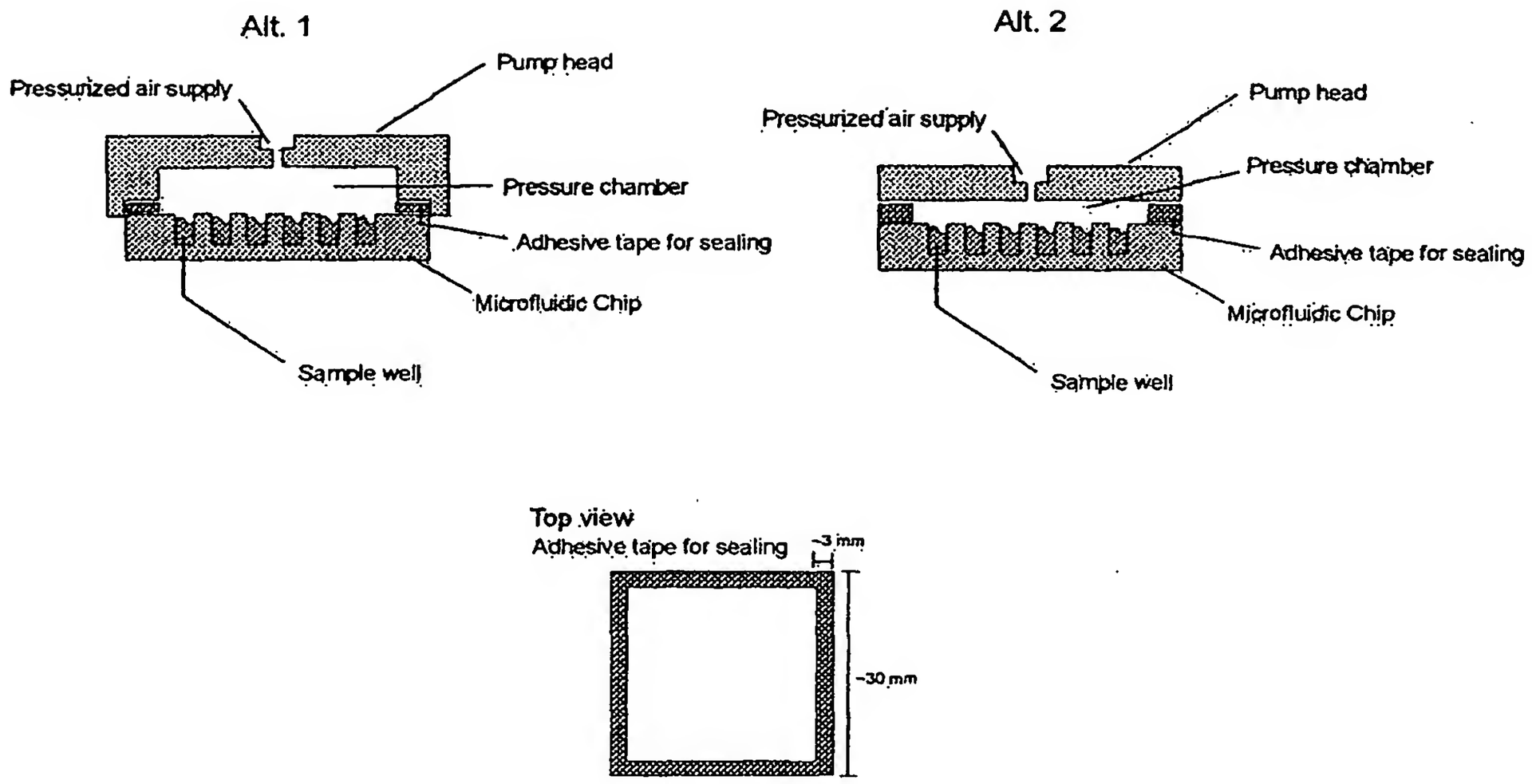

Side view
Alt. 1
Pressurized air supply
Pump head
Pressure chamber
Adhesive tape for sealing
Microfluidic Chip
Sample well
Alt. 2
Pressurized air supply
Pump head
Pressure chamber
Adhesive tape for sealing
Microfluidic Chip
Sample well
Top view
Adhesive tape for sealing
~3 mm
~30 mm

FIG. 1B

FIG. 2A

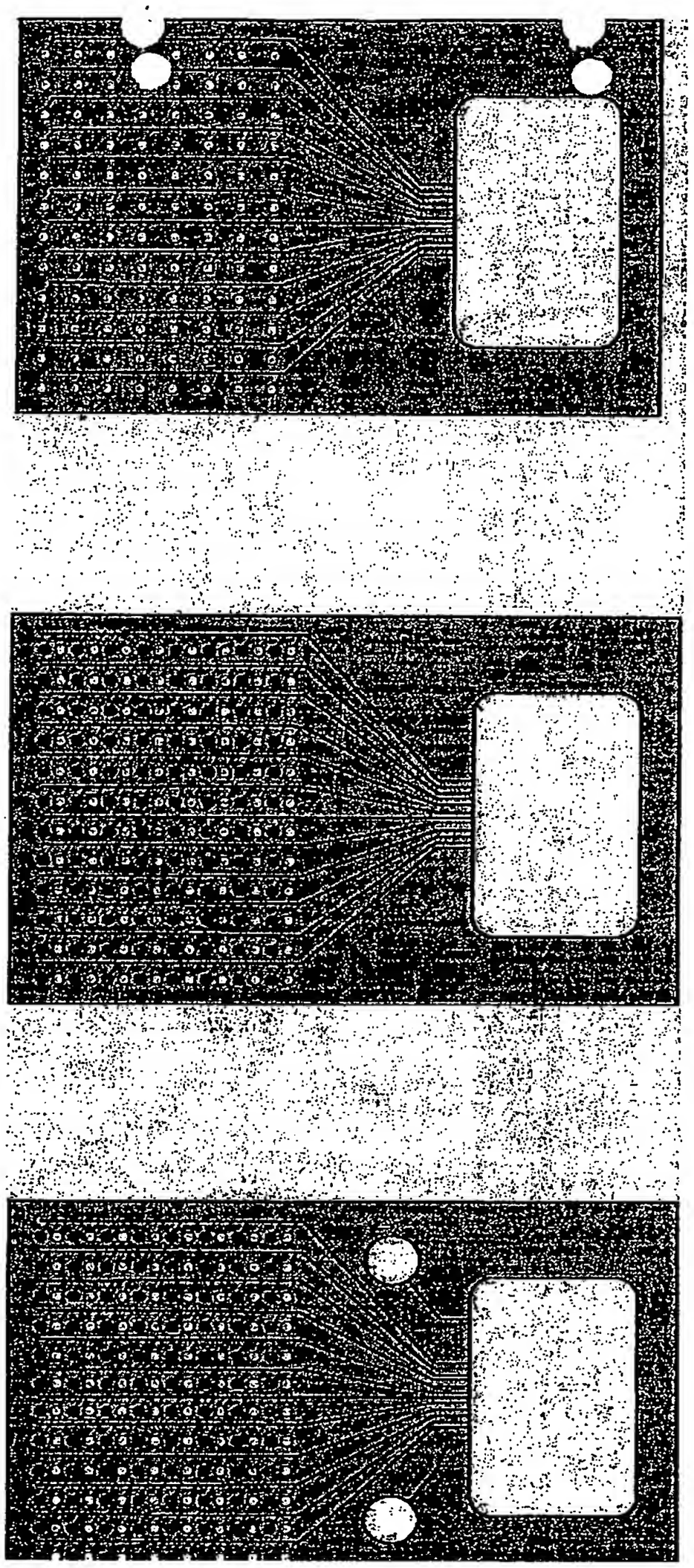


FIG. 2B

FIG. 2C

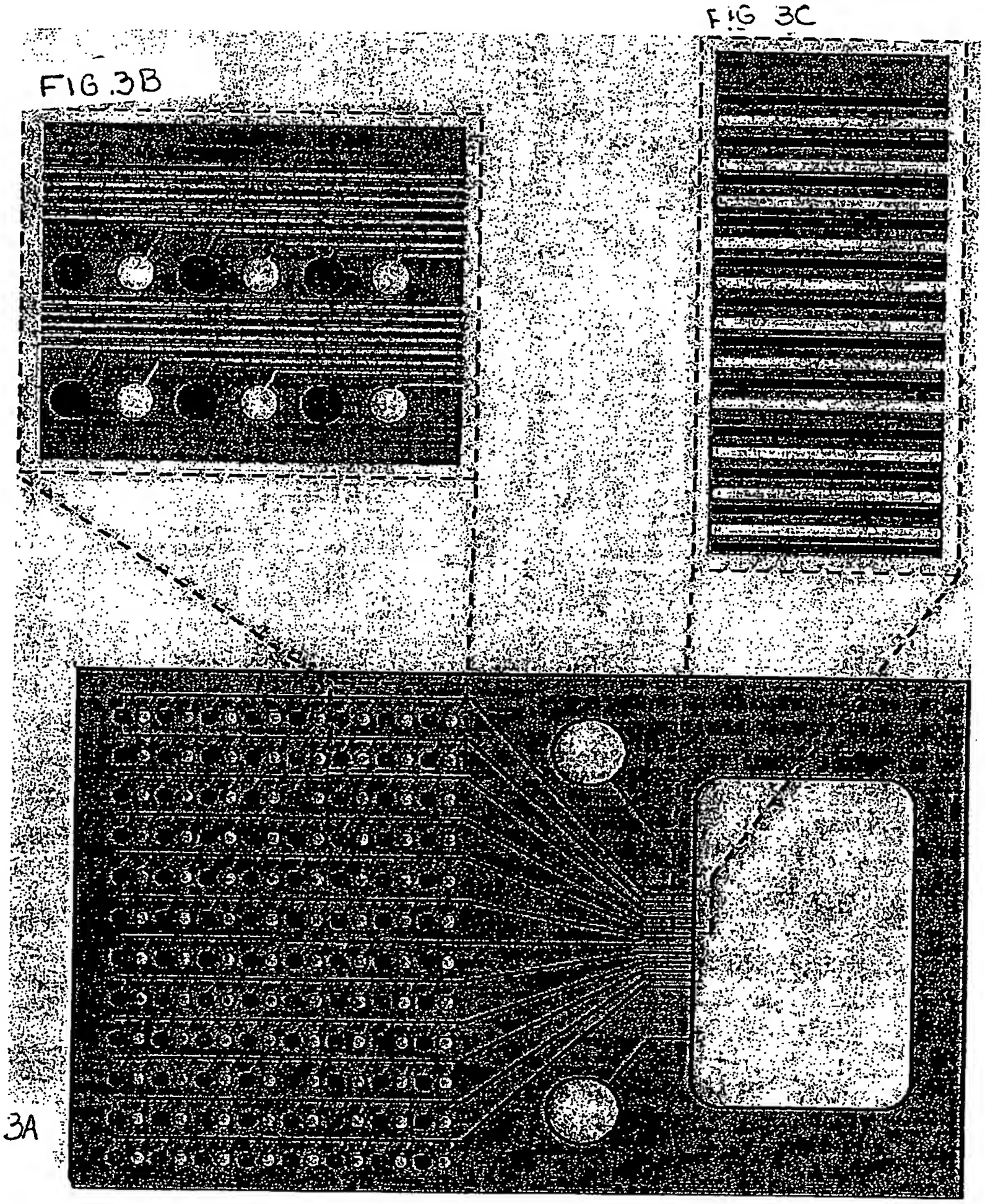


FIG. 3A

FIGURE 4

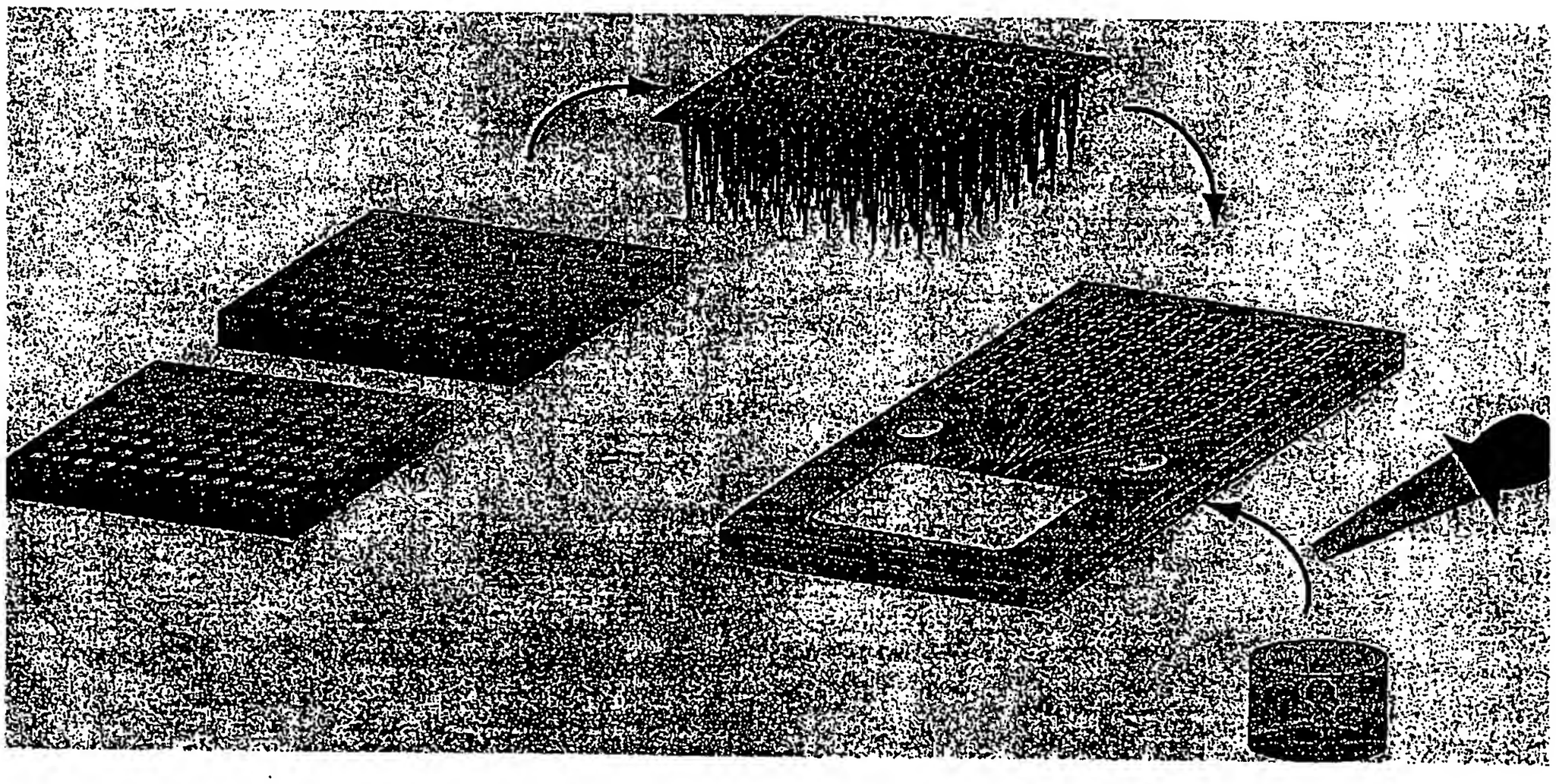


FIG. 5A

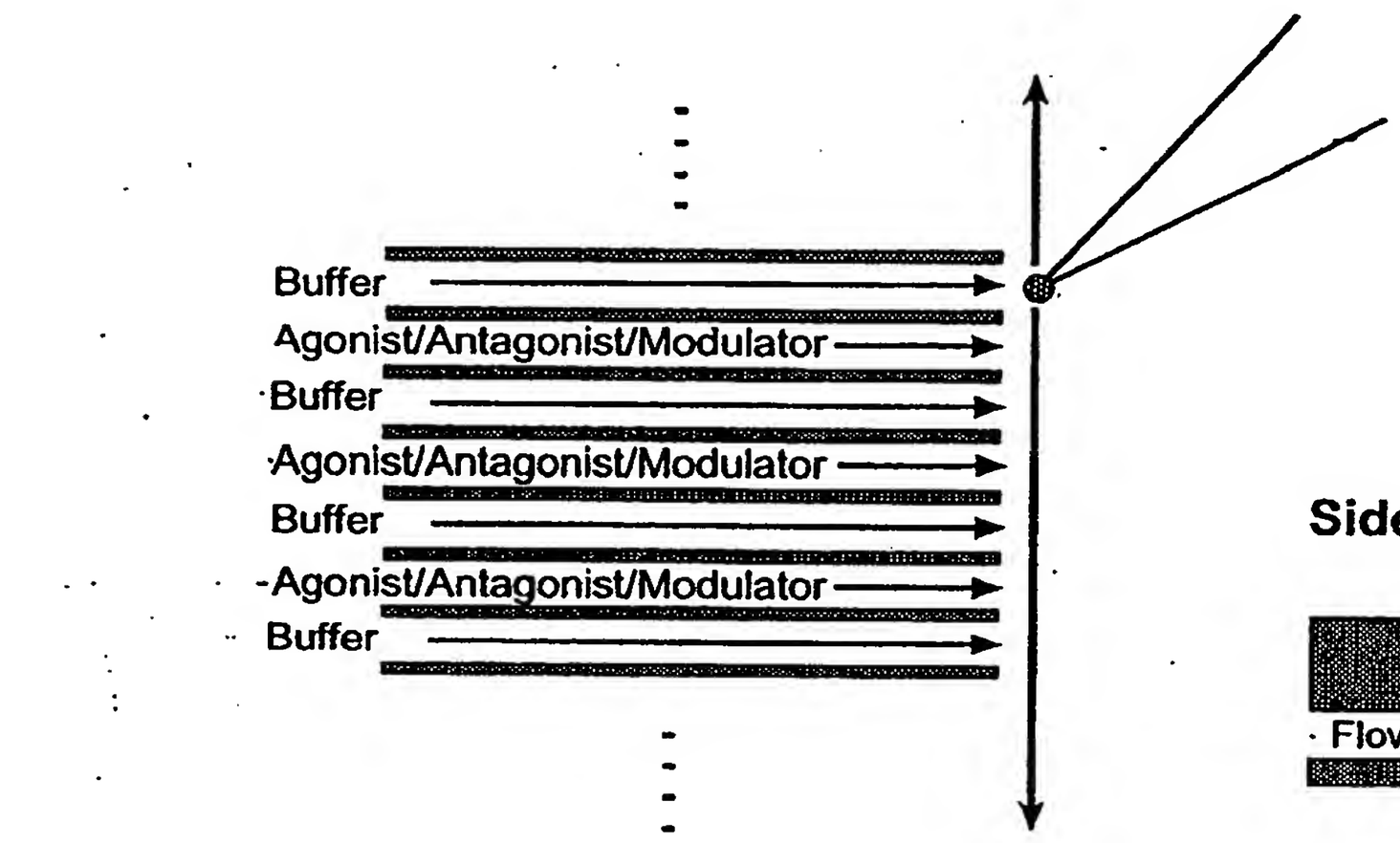
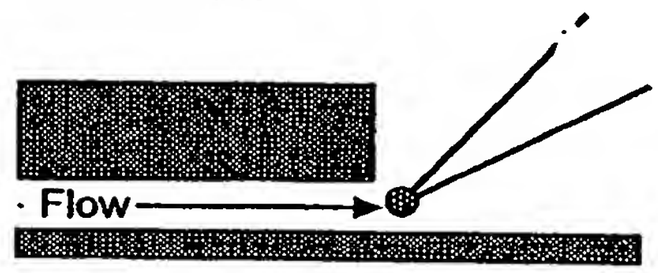


FIG. 5B



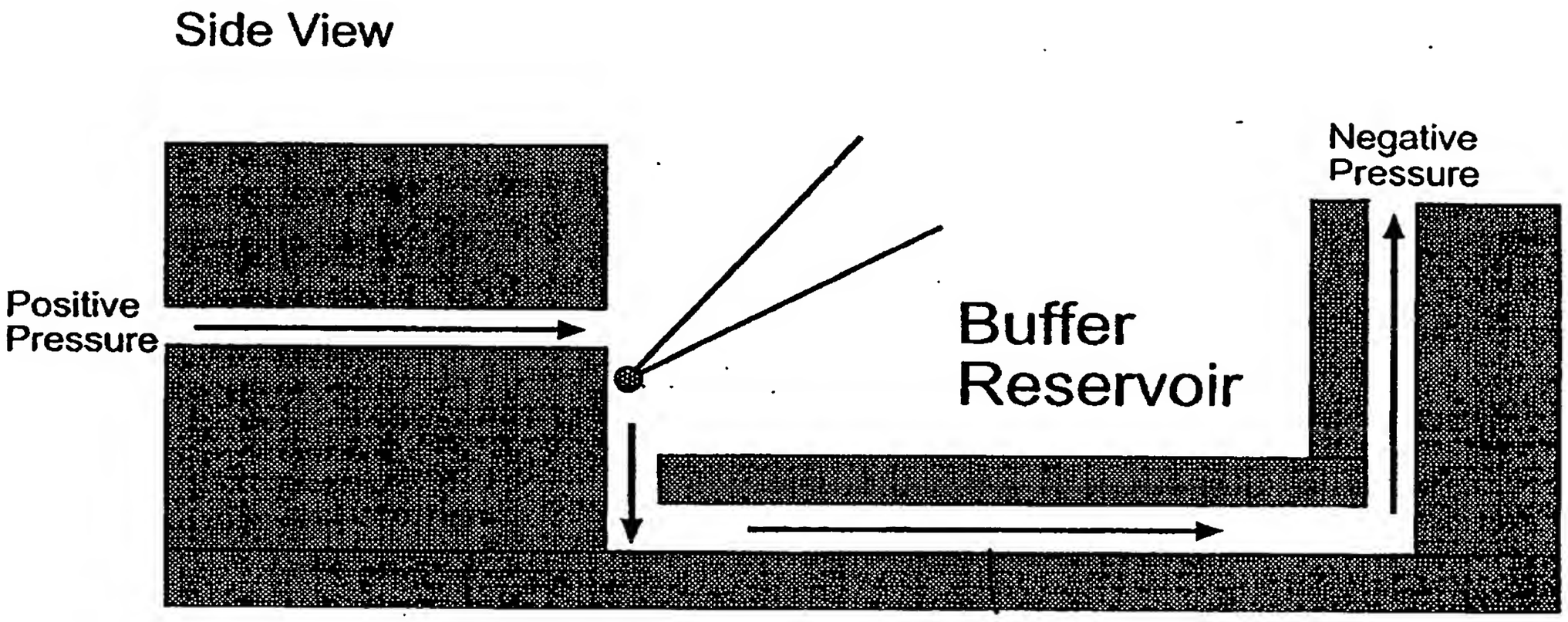


FIG. 5C

Fig. 5

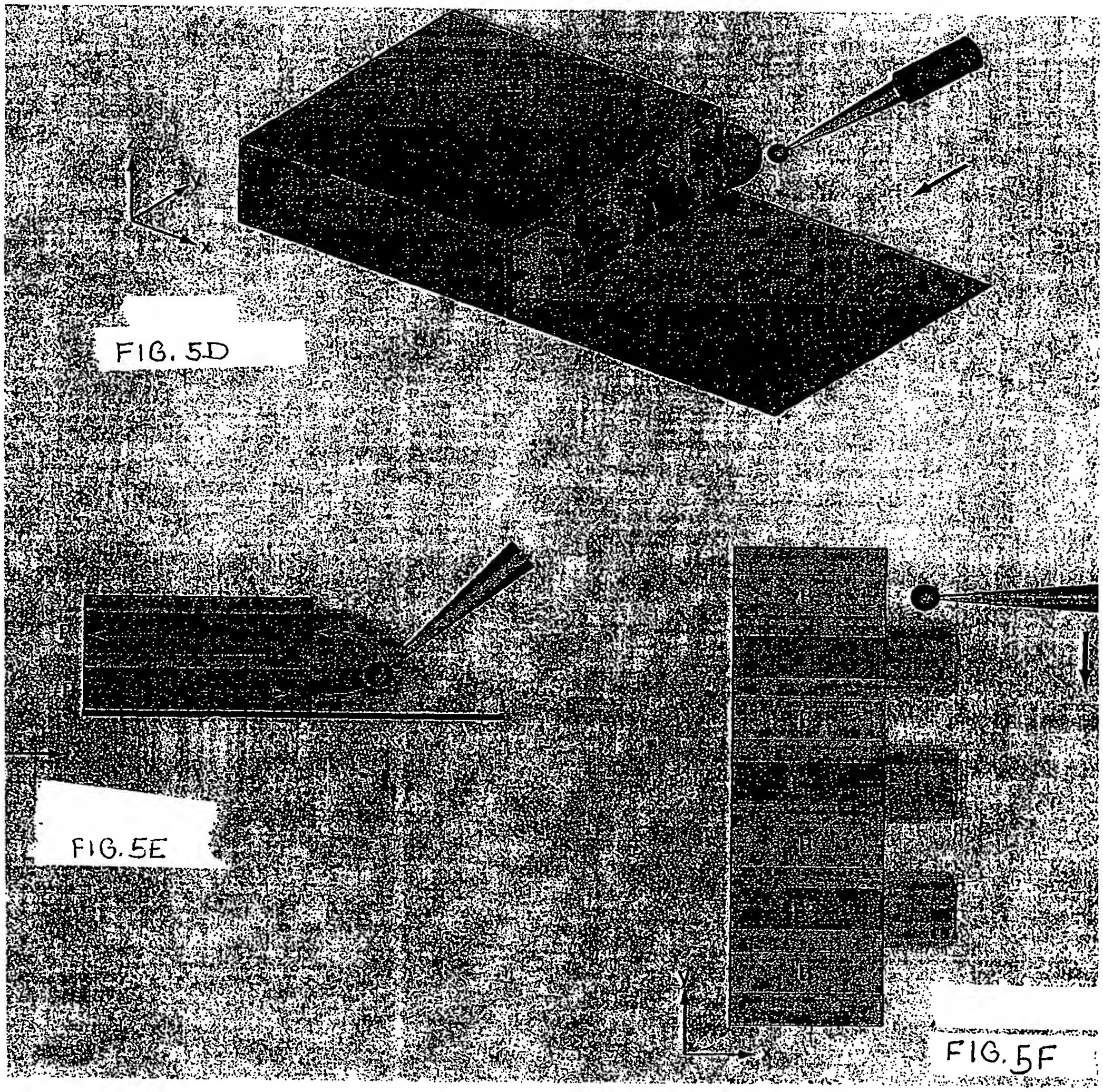


FIG. 5D

FIG. 5E

FIG. 5F

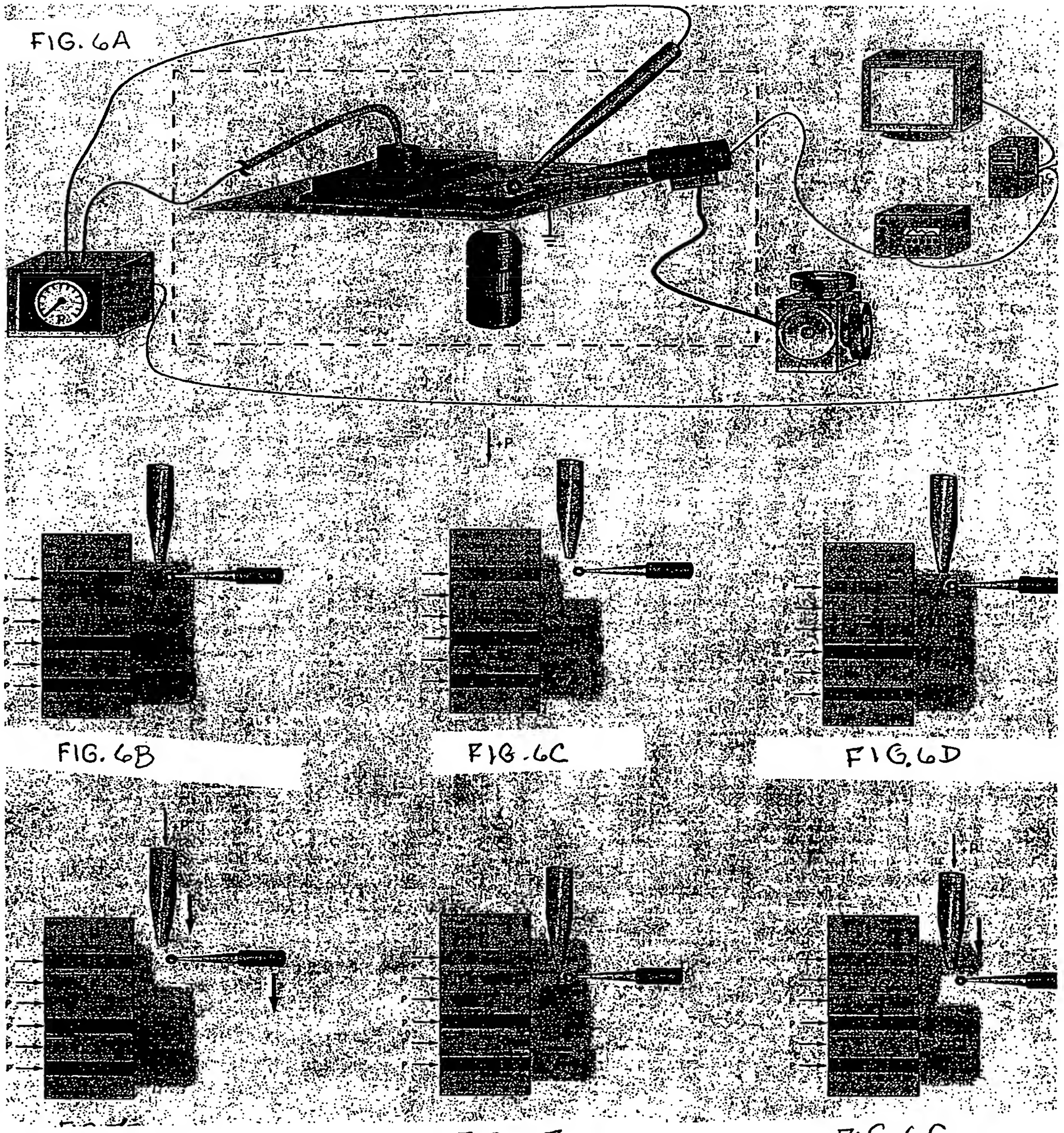


FIG. 6A

FIG. 6B

FIG. 6C

FIG. 6D

FIG. 6E

FIG. 6F

FIG. 6G

FIG. 6H

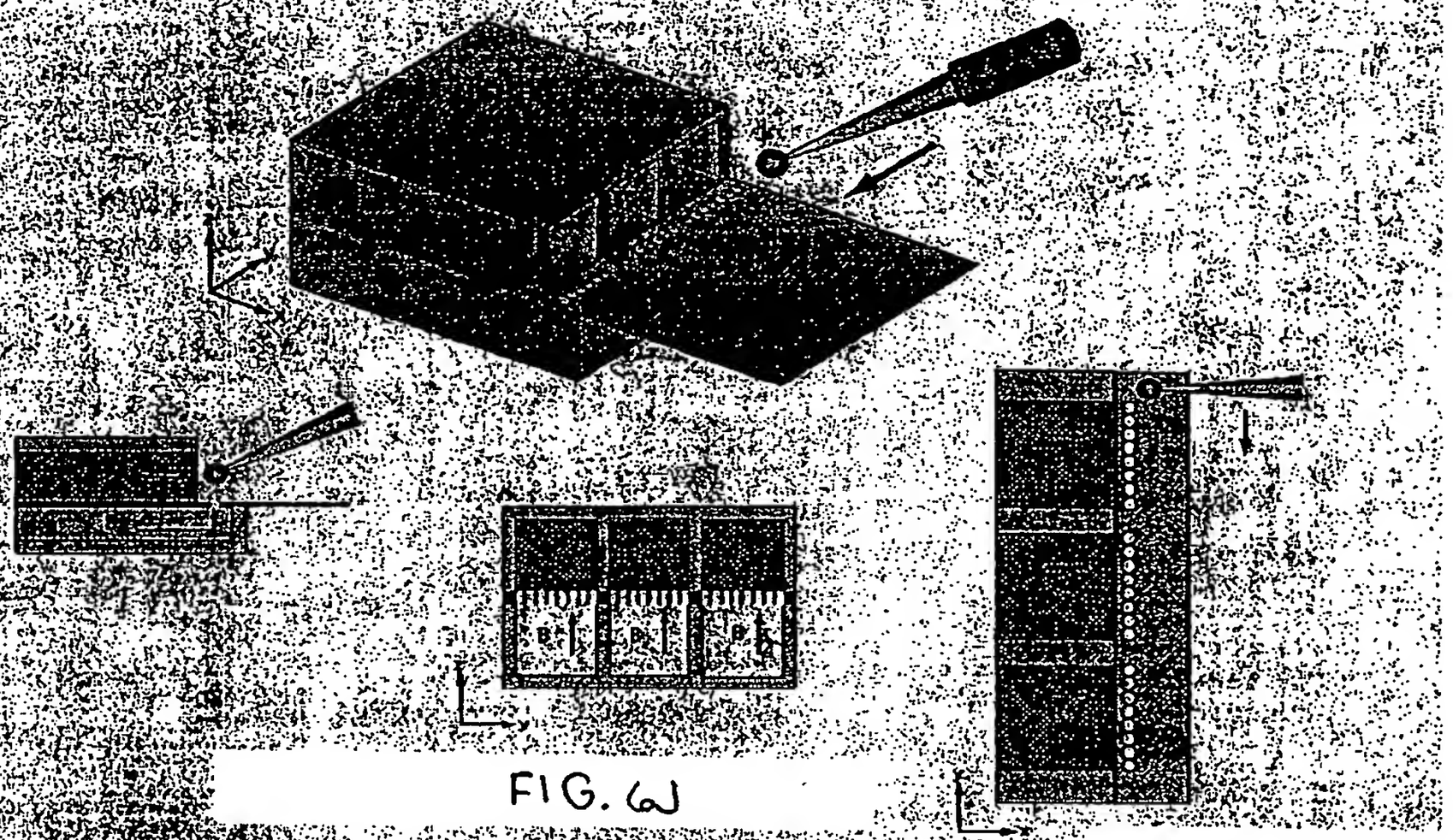


FIG 6I

FIG. 6J

FIG. 6K

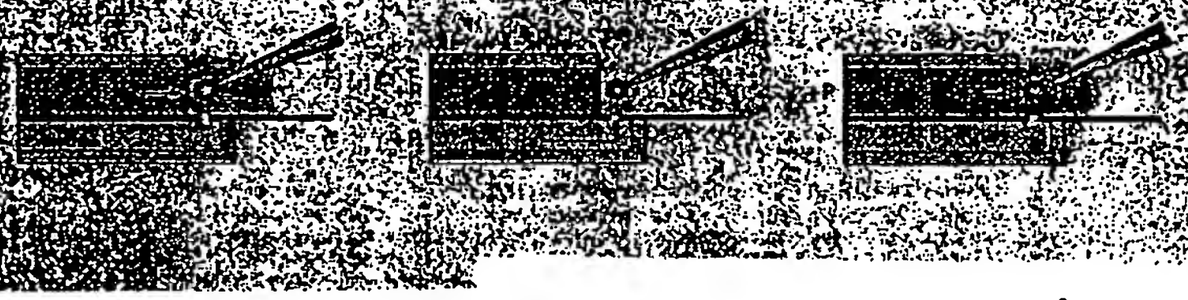


FIG. 6L

FIG 6M

FIG. 6N

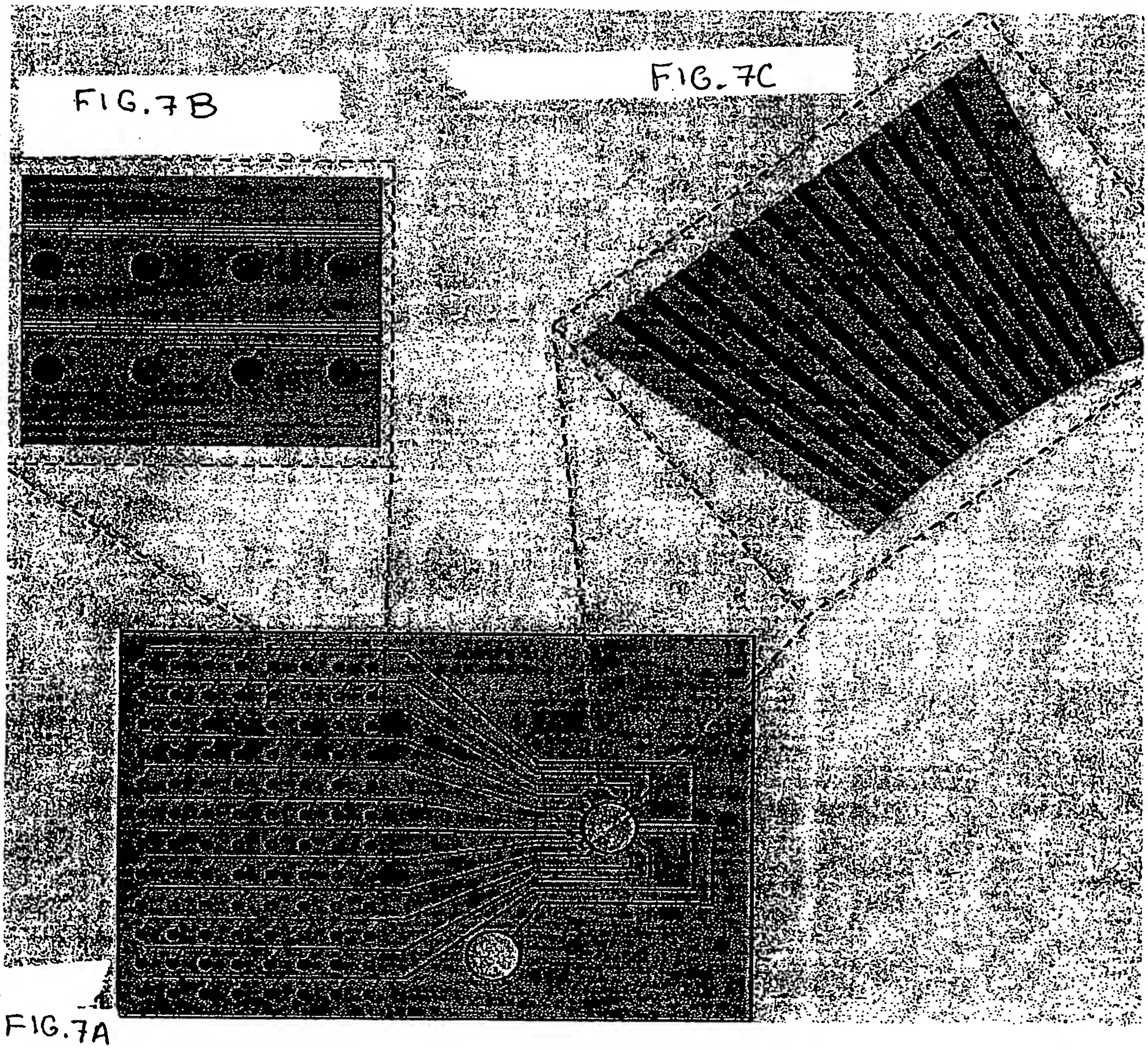


FIG.7B
FIG.7C
FIG.7A

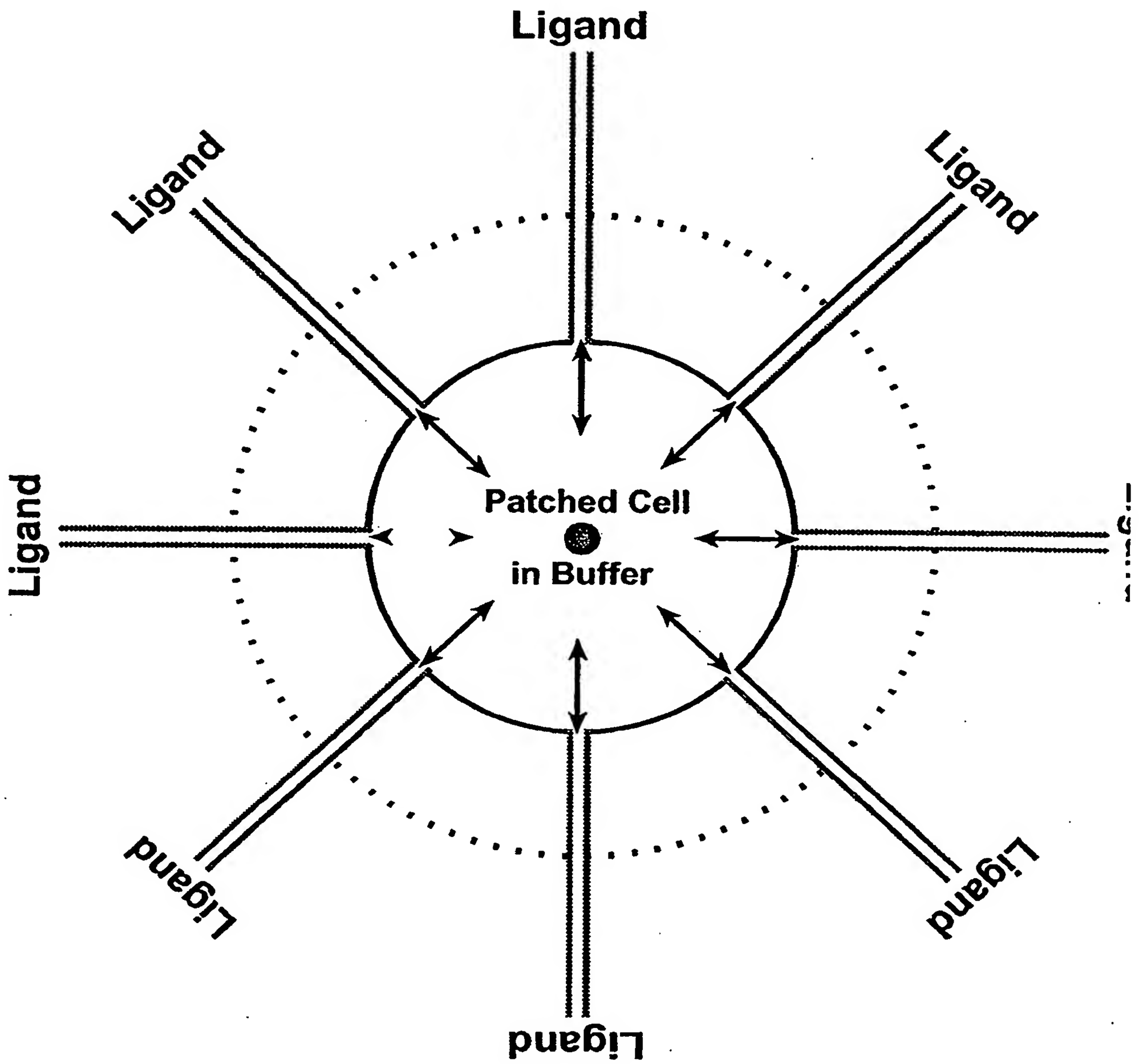

Ligand
Ligand
Ligand
Ligand
Ligand
Ligand
Ligand
Patched Cell
in Buffer

FIG. 8

FIG. 9B

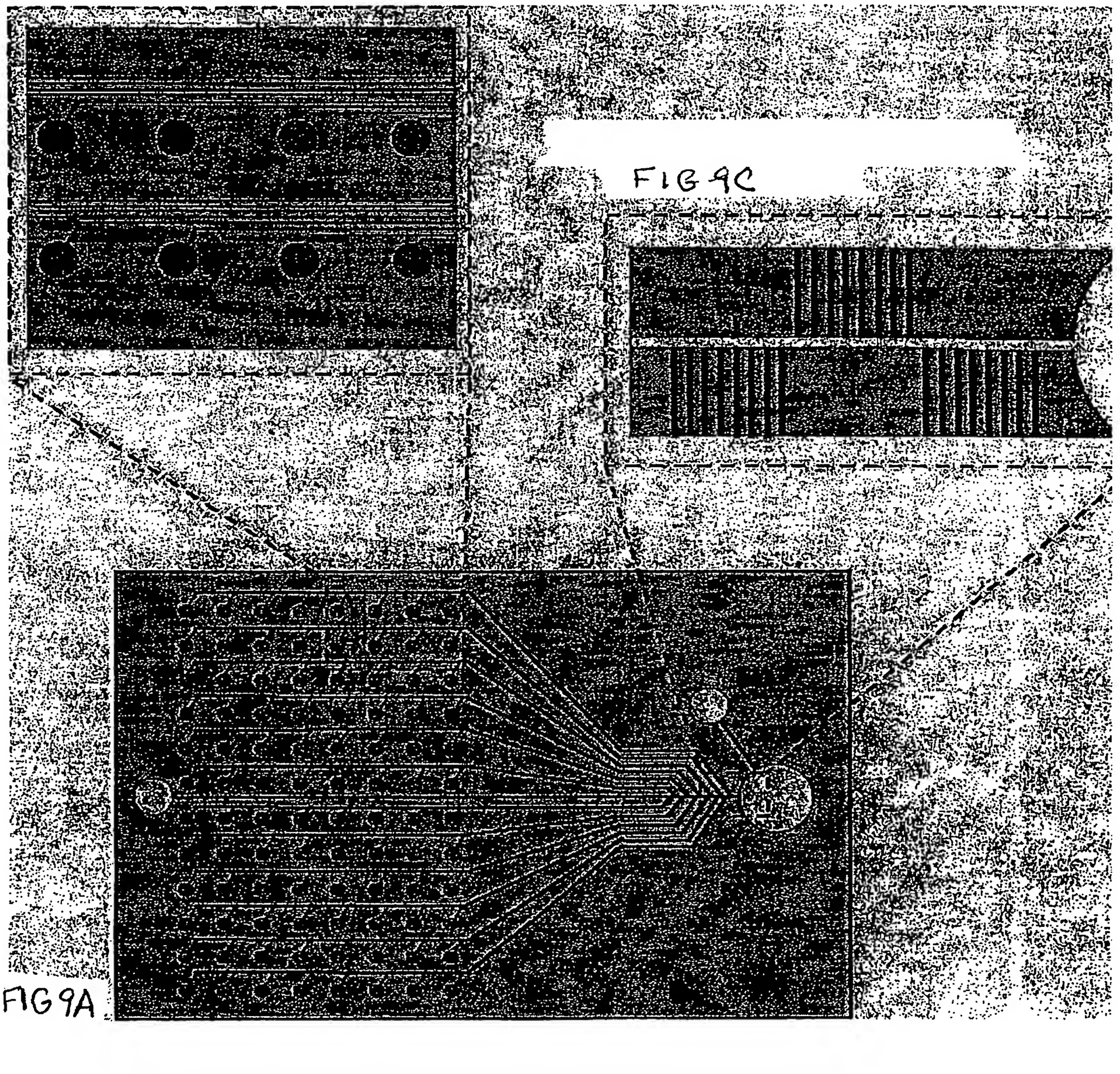


FIG 9C

FIG 9A

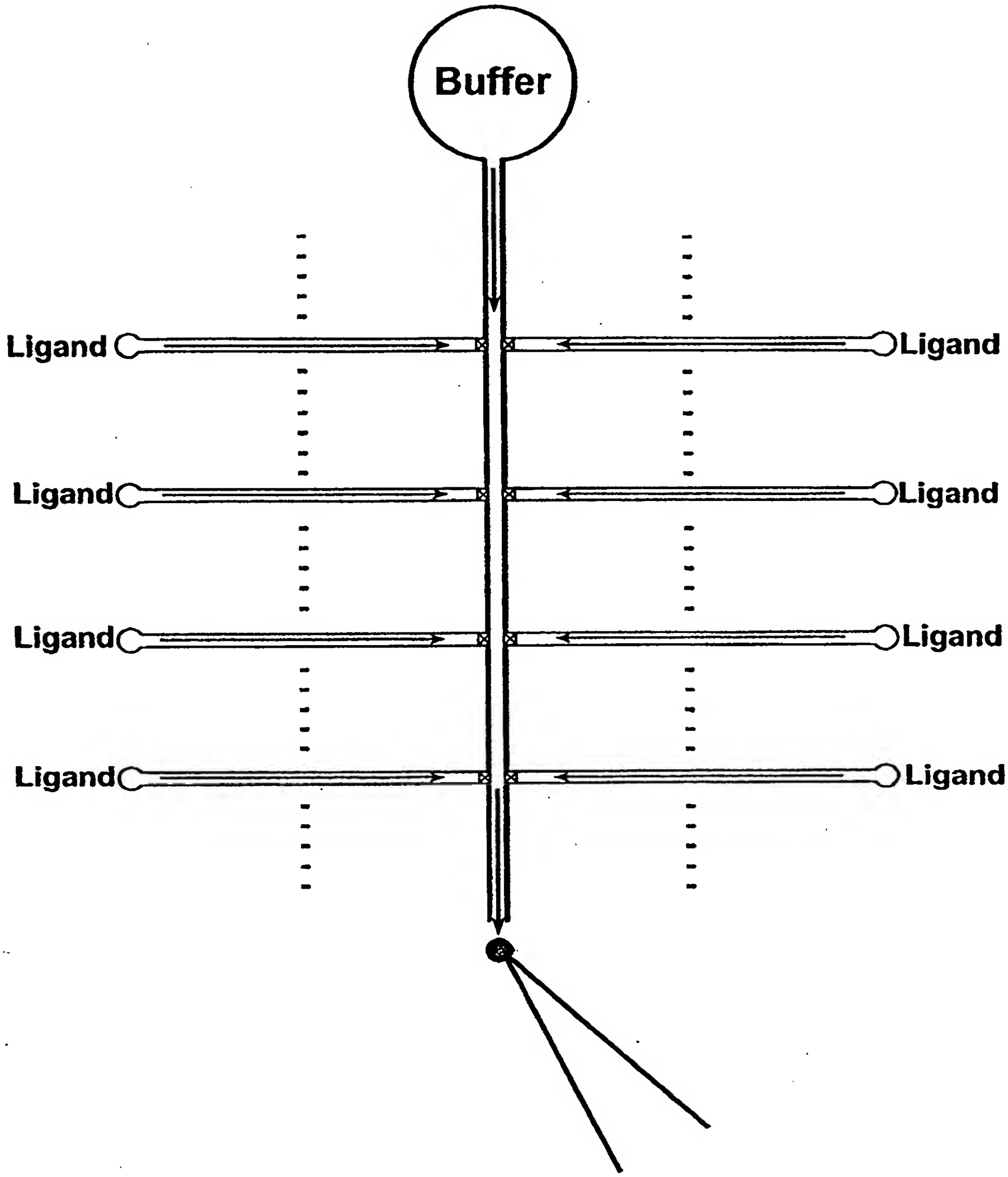

Buffer
Ligand
Ligand
Ligand
Ligand
Ligand
Ligand
Ligand
Ligand

FIG. 10